



Cat. No. 42-3059

Laser Light Show

You can use your RadioShack Laser Light Show to add excitement to dances and parties. The laser show's beam projects 16 exciting, moving patterns on walls or ceilings. You can mount the laser show almost anywhere.

Your laser show has these features:

Automatic, Sound, and Manual Patterns — you can set the laser show so it projects patterns automatically or in time to surrounding sound or from a sound source you connect to it. You can also use the laser show's pattern effect controls to manually control patterns.

Multi-Use Power Switch — lets you turn the laser show on or off, or set it to project patterns in time to sound.

Microphone/Audio Input Jack — the laser show's built-in microphone enables it to project patterns in time with any surrounding sound. You can also connect an external sound source to the laser show's **AUDIO INPUT** jack.

Sound Response Switch — lets you set the laser show's sensitivity.

Mounting Bracket — you can mount the laser show on a wall or ceiling.

WARNING: To reduce the risk of fire or shock hazard, do not expose this product to rain or moisture.



CAUTION

RISK OF ELECTRIC SHOCK.
DO NOT OPEN.



CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER OR BACK. NO USER-SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED PERSONNEL.



This symbol is intended to alert you to the presence of uninsulated dangerous voltage within the product's enclosure that might be of sufficient magnitude to constitute a risk of electric shock. Do not open the product's case.



This symbol is intended to inform you that important operating and maintenance instructions are included in the literature accompanying this product.

This label is attached to your laser show. It provides important information and safety instructions.



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RadioShack is a registered trademark used by Tandy Corporation.

IMPORTANT SAFETY INSTRUCTIONS

Careful attention is devoted to quality standards in the manufacture of your laser show, and safety is a major factor in its design. However, safety is also your responsibility.

When using your laser show, always follow basic safety precautions to reduce the risk of fire, electric shock, and injury to persons. ***Read all the included safety and operating instructions before using your equipment.*** Follow them closely, and retain them for future reference.

Heed Warnings — Follow all warnings on the product and in the operating instructions.

Cleaning — Unplug this product from the wall outlet before cleaning. Use only a damp cloth for cleaning. Do not use liquid or aerosol cleaners.

Water and Moisture — Do not use this product near water (for example, near a bathtub, washbowl, kitchen sink, or laundry tub; in a wet basement; or near a swimming pool).

Mounting Accessories — Do not place this product on an unstable cart, stand, tripod, bracket, or table. The product may fall, causing serious injury to a child or adult, and serious damage to the product. Use only with a cart, stand, tripod, bracket, or table recommended by the manufacturer or sold with the product. Follow the manufacturer's instructions for mounting, and use a recommended mounting accessory.

Ventilation — Slots and openings in the cabinet provide ventilation, ensure reliable operation, and protect from overheating. Do not block or cover these openings, and do not place the product on a bed, sofa, rug, or other similar surface. Do not place the product in a built-in installation such as a bookcase or rack unless it provides prop-

er ventilation as specified by the manufacturer.

Heat — The product should be situated away from heat sources such as radiators, heat registers, stoves, or other products (including amplifiers) that produce heat.

Power Sources — Operate this product using only the power source indicated on its marking label. If you are not sure of your home's power type, consult your product dealer or local power company.

Polarization — This product is equipped with a polarized AC line plug (a plug having one blade wider than the other). This plug will fit in the power outlet only one way. This is a safety feature. If you cannot insert the plug fully into the outlet, try reversing the plug. If the plug still doesn't fit, contact your electrician to replace your obsolete outlet. Do not defeat the safety purpose of the polarized plug. If you need an extension, use a polarized cord.

Power-Cord Protection — Route power-supply cords so they are not likely to be walked on or pinched by items placed on or against them, paying particular attention to cords at plugs, convenience receptacles, and the point where they exit from the product.

Overloading — Do not overload wall outlets, extension cords, or integral convenience receptacles, as this can result in a risk of fire or electric shock.

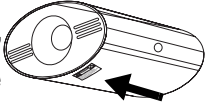
Objects and Liquids — Never push objects of any kind into this product through openings, as they may touch dangerous voltage points or short out parts that could result in a fire or electric shock. Never spill liquid of any kind on the product.

Servicing — Do not attempt to service this product yourself, as opening or removing covers may expose you to dangerous voltage or other hazards. Refer all servicing to qualified service personnel.

Damage Requiring Service — Unplug this product from the wall outlet and refer servicing to qualified service personnel under the following conditions:

- When the power-supply cord or plug is damaged.
- If liquid has been spilled or objects have fallen into the product.
- If the product has been exposed to rain or water.
- If the product does not operate normally by following the operating instructions. Adjust only those controls that are covered by the operating instructions, as an improper adjustment of other controls may result in damage and will often require extensive work by a qualified technician to restore the product to normal operation.
- If the product has been dropped or damaged in any way.
- When the product exhibits a distinct change in performance.

Warnings:

- Follow the instructions on the "Danger" label on the laser show. 
- This laser show uses a laser light beam. Only a qualified service person should remove the cover or attempt to service this device, due to possible eye injury.
- Never point the laser show's beam at anyone.
- Never look directly into the laser show's beam.
- Keep the laser show away from children.

- Use of controls or adjustments, or the performance of procedures other than those specified herein, can result in hazardous radiation exposure.

PREPARATION

Mount the laser show on a flat surface (such as a shelf) or directly on a wall using the supplied mounting bracket and screws. Choose a location that is near an easily accessible AC outlet and out of the way of normal activities.

Warnings:

- Mount the laser show so its beam at its lowest point is 7 feet or higher from the ground.
- Never mount the laser show so its beam points toward people, toward a mirror that might reflect the beam toward people, or so anyone can look directly into the beam.
- Your laser show's beam could be hazardous to your eyesight if viewed directly for a long period of time. Never look directly into the laser show's beam or look into a beam reflected from another surface such as a mirror.

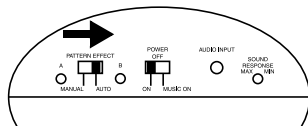
Here is an example of a safely positioned laser show.



Testing a Mounting Location

If you are not sure exactly where you want to mount the laser show, select a location then follow these steps.

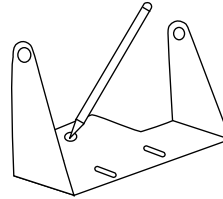
1. Make sure **POWER** is set to **OFF**, then temporarily connect the laser show's AC power cord to a standard AC outlet.
2. Point the laser show's lens toward the desired location.
3. Switch **PATTERN EFFECT** to **AUTO**.



4. Switch **POWER** to **ON**. The laser show projects patterns from the location you selected.
5. As the laser show projects patterns, try moving the laser show until you find the best location.
6. When you find the location you want, set **POWER** to **OFF** then disconnect the power cord from the AC outlet.

Mounting the Laser Show

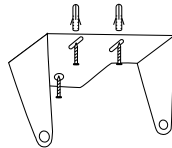
1. Using the holes in the supplied mounting bracket as a template, use a pencil to mark the mounting screw locations on the mounting surface.



2. Drill three holes about $\frac{1}{16}$ inch in diameter in the mounting surface at the marked locations.
3. If the mounting surface is made of concrete, you must use the supplied nylon fasteners. Use a hammer to drive the fasteners into the holes.
4. Thread the supplied washers onto the supplied screws.

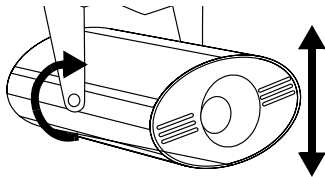


5. While holding the bracket against the mounting surface, thread a screw through each hole in the bracket, then tighten the screws.



6. Align the holes on the side of the laser show with the holes on the sides of the mounting bracket. Then use the supplied thumbscrews to loosely attach the laser show to the mounting bracket.

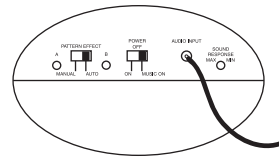
7. Move the laser show until its lens points to the desired location. Then tighten the thumbscrews to secure the laser show.



Connecting an Audio Input Source

You can set the laser show so it changes the patterns it projects in time to a sound source (such as a stereo) you connect to it.

Use an audio cable such as RadioShack Cat. No. 42-2431 (not supplied) to connect an audio output source to **AUDIO INPUT** on the laser show's back panel.



OPERATION

To turn on the laser show, connect its power cord to the AC outlet then set **POWER** to **ON**.

When you finish using your laser show, be sure to set **POWER** to **OFF** then disconnect the AC power cord.

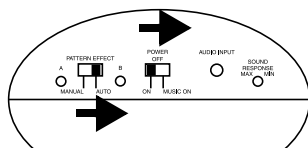
Setting a Pattern Effect

When you set **PATTERN EFFECT** to **AUTO**, the laser show automatically changes the patterns you see according to its built-in program.

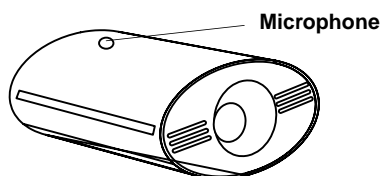
When you set **PATTERN EFFECT** to **MANUAL**, you can manually control the pattern. Rotate **A**, **B**, or **A and B** at the same time and watch how the pattern changes.

Using Sound to Change the Pattern

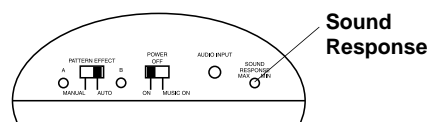
You can set up the laser show so surrounding sound or a connected sound source changes the patterns you see. Set **POWER** to **MUSIC ON**, then set **PATTERN EFFECT** to **AUTO**.



To see how surrounding sound changes the patterns, clap your hands near the built-in microphone.



If the pattern does not change, rotate **SOUND RESPONSE** toward **MAX** to increase the laser show's sensitivity or toward **MIN** to decrease it.



Note: When you connect a sound source to **AUDIO INPUT** then turn it on, the laser show's built-in microphone still receives sound and responds to the loudest of the two sound sources.

CARE AND MAINTENANCE

Your RadioShack Laser Light Show is an example of superior design and craftsmanship. The following suggestions will help you care for your laser show so you can enjoy it for years.



Keep the laser show dry. If it gets wet, wipe it dry immediately. Liquids might contain minerals that can corrode the electronic circuits.



Use and store the laser show only in normal temperature environments. Temperature extremes can shorten the life of electronic devices and distort or melt plastic parts.



Keep the laser show away from dust and dirt, which can cause premature wear of parts.



Handle the laser show gently and carefully. Dropping it can damage circuit boards and cases and can cause the laser show to work improperly.



Wipe the laser show with a damp cloth occasionally to keep it looking new. Do not use harsh chemicals, cleaning solvents, or strong detergents to clean the laser show.

Modifying or tampering with the laser show's internal components can cause a malfunction and might invalidate its warranty. If your laser show is not performing as it should, take it to your local RadioShack store for assistance.

SPECIFICATIONS

Laser Diode Power	<5 mW (660 nm Class III A)
Power Supply	AC 120V 60 Hz
Power Cord Length	6 ft (1.82 m)
Dimensions (HWD).....	4 ³ / ₄ × 6 ³ / ₄ × 7 ³ / ₄ Inches (120 × 171 × 195 mm)
Weight	1.7 lbs (750 g)

Specifications are typical; individual units might vary. Specifications are subject to change and improvement without notice.

Limited Ninety-Day Warranty

This product is warranted by RadioShack against manufacturing defects in material and workmanship under normal use for ninety (90) days from the date of purchase from RadioShack company-owned stores and authorized RadioShack franchisees and dealers. EXCEPT AS PROVIDED HEREIN, RadioShack MAKES NO EXPRESS WARRANTIES AND ANY IMPLIED WARRANTIES, INCLUDING THOSE OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE LIMITED IN DURATION TO THE DURATION OF THE WRITTEN LIMITED WARRANTIES CONTAINED HEREIN. EXCEPT AS PROVIDED HEREIN, RadioShack SHALL HAVE NO LIABILITY OR RESPONSIBILITY TO CUSTOMER OR ANY OTHER PERSON OR ENTITY WITH RESPECT TO ANY LIABILITY, LOSS OR DAMAGE CAUSED DIRECTLY OR INDIRECTLY BY USE OR PERFORMANCE OF THE PRODUCT OR ARISING OUT OF ANY BREACH OF THIS WARRANTY, INCLUDING, BUT NOT LIMITED TO, ANY DAMAGES RESULTING FROM INCONVENIENCE, LOSS OF TIME, DATA, PROPERTY, REVENUE, OR PROFIT OR ANY INDIRECT, SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES, EVEN IF RadioShack HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

Some states do not allow the limitations on how long an implied warranty lasts or the exclusion of incidental or consequential damages, so the above limitations or exclusions may not apply to you.

In the event of a product defect during the warranty period, take the product and the RadioShack sales receipt as proof of purchase date to any RadioShack store. RadioShack will, at its option, unless otherwise provided by law: (a) correct the defect by product repair without charge for parts and labor; (b) replace the product with one of the same or similar design; or (c) refund the purchase price. All replaced parts and products, and products on which a refund is made, become the property of RadioShack. New or reconditioned parts and products may be used in the performance of warranty service. Repaired or replaced parts and products are warranted for the remainder of the original warranty period. You will be charged for repair or replacement of the product made after the expiration of the warranty period.

This warranty does not cover: (a) damage or failure caused by or attributable to acts of God, abuse, accident, misuse, improper or abnormal usage, failure to follow instructions, improper installation or maintenance, alteration, lightning or other incidence of excess voltage or current; (b) any repairs other than those provided by a RadioShack Authorized Service Facility; (c) consumables such as fuses or batteries; (d) cosmetic damage; (e) transportation, shipping or insurance costs; or (f) costs of product removal, installation, set-up service adjustment or reinstallation.

This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

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We Service What We Sell

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